



STATE OF TENNESSEE
DEPARTMENT OF ENVIRONMENT AND CONSERVATION
DIVISION OF WATER RESOURCES
William R. Snodgrass Tennessee Tower
312 Rosa L. Parks Avenue, 11th Floor
Nashville, Tennessee 37243

Land Based Systems Inspection Report

Facility: Bush Beans Drip
Address: Joe Thornton Road
County: Jefferson **City:** Chestnut Hill
UIC Authorization # JEF 0000062 **SOP-** 14018
Purpose of Visit: New Construction Inspection
Responsible Management Entity: Bush Brothers

Type of System

		Latitude	Longitude
Recirculating Sand Filter	X	35*55'17.5"	-83*20'33.7"

Dispersal Application

			Latitude	Longitude
Drip	Spacing 2 feet	X	35*55'19.4"	-83*20'33.1"
Waste Stream Characterization		Domestic <u>X</u>	Commercial/Industrial _____	
Disinfection		UV <u>X</u>	Chlorination _____	Other _____ None _____
Fencing		Yes <u>X</u>	No _____	
Signs		Yes _____	No <u>X</u>	Locations <u>to be installed</u>
Contour		Yes <u>X</u>	No _____	
Design Capacity		<u>25000</u> gpd	Current Flow <u>0</u>	

Comments

Inspection of new construction for the domestic waste.
The system consists of a recirculating sand filter with dual UV disinfection and drip dispersal. The filter was fenced but signs have not yet been installed. The area was mowed and well maintained. The drip zones (11) are located adjacent. The entire area was fenced. Lines were on 2 foot centers and on contour. Lines were installed by Harding Fox. The system has been pressure tested and no leaks were noted. Variable pressure solenoids were installed at this site due to topography. The drip area was mowed.
No limiting karst features were observed.

Inspected By: Allen Rather **Date:** 7/30/2015

Signature: _____